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UNITED STATES DEPARTMENT OF AGRICULTURE
Rural Electrification Administration
Washington 25, D. C.

GENERAL CONSTRUCTION
BULLETIN NUMBER 174

August 21, 1950

PART I
APPROVED CONSTRUCTION CONTRACTS
AWARDED BY REA BORROWERS

Colorado 34F Eagle: Holy Cross Electric Association, Inc., Glenwood Springs, Colo., to Hamlin Electric Co., Fort Morgan, Colo., \$10,603.45 for the construction (labor only) of 24.26 miles of line. Engineer (1) last page. PLEASE NOTE: NAMES AND ADDRESSES OF SYSTEM ENGINEERS ARE FURNISHED ON LAST PAGE OF THIS BULLETIN. All numbers shown in () space are keyed to like numbers listed with the names and addresses.

Colorado 38C,D,E&F Yuma, Section I&II: Y-W Electric Association, Inc., Akron, Colo., Section I: to J. R. Foree Construction Co., 302 National Bank of Topeka Bldg., Topeka, Kans., \$342,600.10 for the construction of 72 miles of transmission line. Engineer (2). Section II: to Basanda Construction Co., P. O. Box 7008, Oklahoma City 12, Okla., \$411,308.53 for the construction of 442 miles of line to serve 615 members. Engineer (3).

Idaho 16C Cassia, Section 4: Raft River Rural Electric Cooperative, Inc., Malta, Idaho, to Harbert Electric Co., Box 1614, Boise, Idaho, \$78,469.12 for the construction of 20.13 miles of transmission line. Engineer (4).

Indiana 11H Warren: Warren County Rural Electric Membership Corp., Williamsport, Ind., \$112,444.26 for the construction of 29.10 miles of line to serve 21 members, plus the conversion of 62.2 miles of line. Engineer (5).

Kansas 51A3&4 Wichita: Wheatland Electric Cooperative, Scott City, Kans., A3: to Basanda Construction Co., P. O. Box 7008, Oklahoma City 12, Okla., \$436,530.96 for the construction of 473.3 miles of line to serve 383 members. A4: to Douglas Contractors, Ltd., 234 Keeline Bldg., Omaha 2, Nebr., \$489,321.54 for the construction of 415 miles of line to serve 438 members. Engineer (6).

Kentucky 18K&L Meade, Section I: Meade County Rural Electric Cooperative Corp., Brandenburg, Ky., to Real Electric Corp., 1701 Triplett St., Owensboro, Ky., \$204,586.13 for the construction of 159.12 miles of line to serve 332 members plus the conversion of 14 miles of line. Engineer (7).

Kentucky 52R Fleming, Section I&II: Fleming-Mason Rural Electric Cooperative Corp., Flemingsburg, Ky., Sec. I, to Ralph E. Mills Co., Box 513, Salem, Va., \$314,169.13 for the construction of 243.92 miles of line to serve 717 members plus the conversion of 50 miles of line. Section II: to Killoren Co., 116 South Superior St., Appleton, Wisconsin, \$308,479.24 for the construction of 242.2 miles of line to serve 689 members plus the conversion of 34.8 miles of line. Engineer for both (8).

Kentucky 54S Wayne: South Kentucky Rural Electric Cooperative, Somerset, Ky., to Trans Electric Co., 108 East Oak St., Louisville, Ky., \$157,221.25 for the construction of 126.38 miles of line to serve 440 members. Engineer (9).

Michigan 28V,W,X&Y Presque Isle: Presque Isle Electric Cooperative, Onaway, Mich., two contracts: 1st Contract: to Union Electric, Inc., 55-57 Kalamazoo Street, Battle Creek, Mich., \$31,334.00 for the construction of 13.7 miles of 44 kv transmission line. 2nd contract: to Honold & LaPage, Inc., Sheboygan, Wisc., \$25,565.00 for the construction of substation. Engineer for both (10)

Michigan 33T&U Charlevoix: Top O'Michigan Rural Electric Co., Boyne City, Mich., to Hall Electric Co., Muskegon, Mich., \$275,737.00 for the construction of 236 miles of line to serve 578 members. Engineer (10).

Minnesota 83M&N Hubbard: Itasca-Mantrap Cooperative Electrical Association, Park Rapids, Minn., to Swift Electric Co., Wheaton, Minn., \$283,391.98 for the construction of 154 miles of line to serve 362 members plus the conversion of 34.5 miles of line. Engineer (11).

Mississippi 11L Monroe, Section I: Monroe County Electric Power Association, Amory, Miss., to Line Construction Co., Clarksdale, Miss., \$28,041.65 for the construction of 81.558 miles of line to serve 263 members plus conversion and removals on 13.7 miles of line. Engineer (12).

Electric

Mississippi 31M Washington: Twin County Power Association, Hollandale, Miss., to William H. Alsop and Associates, 414 Barnett-Madden Bldg., Jackson, Miss., \$147,616.58 for the construction of 50 miles of line to serve 131 members plus conversion and removals on 186.7 miles of line. Engineer (12).

Mississippi 48A DeSoto, Section I&II: North Central Mississippi Electric Power Association, Senatobia, Miss., to Victory Electric Co., Inc., P.O. Box 2, Mobile, Ala., \$300,293.42 for the construction of 268.65 miles of line to serve 992 members. Section II: to M. S. Carroll Co., Inc., P. O. Box 428, Ruston, La., \$295,217.52 for the construction of 268.65 miles of line to serve 992 members. Engineer for both (13).

Missouri 23P Lewis: Lewis County Rural Electric Cooperative Association, Lewistown, Mo., to Cater Electrical Construction Co., 1016 Baltimore Ave., Kansas City 6, Mo., \$546,427.47 for the construction of 347.7 miles of line to serve 569 members plus conversion and removals on 72.5 miles of line. Engineer (14).

Missouri 37P Bates: Osage Valley Electric Cooperative Association, Butler, Mo., to B. H. R. & W. Construction Co., 1114 Second St., Woodward, Oklahoma, \$107,721.13 for the construction (labor only) of 310.54 miles of line to serve 536 members plus the conversion of 53.3 miles of line. Engineer (6).

Missouri 46S&U Taney, Section II: White River Valley Electric Cooperative, In Hollister, Mo., to The Reinhart and Donovan Co., 116 N. W. First St., Oklahoma City, Okla., \$333,596.83 for the construction of 232.12 miles of line to serve 499 members. Engineer (6).

Missouri 49T Howell, Section I&II: Howell-Oregon Electric Cooperative, Inc., West Plains, Mo., Section I: to Chatham-Walker, Inc., 1420 Peachtree St., N. E., Atlanta, Ga., \$396,425.48 for the construction of 290.3 miles of line to serve 448 members. Section II: to Killoren Co., 116 Superior St., Appleton, Wisc., \$364,166.53 for the construction of 243.9 miles of line to serve 452 members. Engineer for both (6).

Missouri 53P,R&U Polk, Section I&II: Southwest Electric Cooperative, Bolivar, Mo., Section I, to Irby Construction Co., 817 S. State St., Jackson, Miss., \$540,021.27 for the construction of 381.6 miles of line to serve 758 members plus the conversion of 32.4 miles of line. Engineer (15). Section II: to James H. Drew Co., 528 Architects & Builders Bldg., Indianapolis, Ind., \$352,034.84 for the construction of 263.8 miles of line to serve 588 members plus the conversion of 25.6 miles of line. Engineer (6).

Missouri 54K Crawford: Crawford Electric Cooperative, Inc., Bourbon, Mo., to Hulcher Service Lines, 219 N. Springfield, Virden, Ill., \$136,922.88 for the construction of 115.55 miles of line to serve 272 members. Engineer (15).

Montana 2P Cascade: Sun River Electric Cooperative, Inc., Fairfield, Mont., to Cahill-Mooney Construction Co., 220 East Front St., Butte, Montana, \$160,338.75 for the construction of 103.7 miles of line to serve 60 members plus the conversion of 34.6 miles of line. Engineer (16).

Montana 28C&D McCone: McCone County Electric Cooperative, Inc., Circle, Mont., to Hi Line Construction Co., Wolf Point, Mont., \$104,823.35 for the construction of 112.7 miles of line to serve 49 members. Engineer (17).

Nebraska 78W Dawson: Dawson County Public Power District, Lexington, Nebr., to Cater Electrical Construction Co., Inc., 1016 Baltimore Ave., Kansas City 6, Mo., \$281,171.01 for the construction of 287.6 miles of line to serve 392 members. Engineer (18).

Nebraska 83D Custer: Custer Public Power District, Broken Bow, Nebr., to M & M Construction Co., Box 2807, Kansas City, Mo., \$289,561.21 for the construction of 264.2 miles of line to serve 418 members. Engineer (18).

New Mexico 4W Eddy: Central Valley Electric Cooperative, Inc., Artesia, N. Mex., to City Gas and Electric Co., Drawer C, Ft. Sumner, N. Mex., \$263,464.10 for the construction of 105.51 miles of line to serve 283 members. Engineer (19)

New Mexico 15A Rio Arriba: Northern Rio Arriba Electric Cooperative, Inc., Chama, N. Mex., two contracts: 1st contract: to Bridgeman Construction Co., P. O. Box 305, Albuquerque, N. Mex., \$129,667.52 for the construction of 20.2 miles of 69 kv transmission line. 2nd contract: to B & C Construction Company, P. O. Box 8598, Trinity Heights Station, Dallas 16, Texas, \$290,371.34 for the construction of 177 miles of line to serve 728 members. Engineer for both (20).

North Carolina 32R Person: Piedmont Electric Membership Corp., Hillsboro, N. C., to Camco Construction Co., Sanford, N. C., \$88,554.33 for the construction of 70 miles of line to serve 295 members. Engineer (21).

North Dakota 8R4S Benson: Baker Electric Cooperative, Inc., Cando, N. D., to Zontelli Construction Co., Ironton, Minn., \$429,223.83 for the construction of 505 miles of line to serve 529 members. Engineer (22).

North Dakota 11X1 Cass: Cass County Electric Cooperative, Inc., Kindred, N. D., to Commonwealth Contractors, Pierz, Minn., \$192,370.36 for the construction of 213 miles of line to serve 228 members. Engineer (22).

North Dakota 22F Bottineau: North Central Electric Cooperative, Inc., Bottineau, N. D., to Zontelli Construction Co., Ironton, Minn., \$550,360.77 for the construction of 610 miles of line to serve 656 members. Engineer (22).

North Dakota 26E1 La Moure: James Valley Electric Cooperative, Inc., Edgeley, N. D., to Zontelli Construction Co., Ironton, Minn., \$325,124.76 for the construction of 399.15 miles of line to serve 329 members. Engineer (23).

North Dakota 27E1 Emmons: Kem Electric Cooperative, Inc., Linton, N. D., to Zontelli Construction Co., Ironton, Minn., \$380,566.46 for the construction of 463 miles of line to serve 399 members. Engineer (22).

North Dakota 35D Burleigh: Capital Electric Cooperative, Inc., Bismarck, N. D., to Bloedow and Klabunde, Clements, Minn., \$250,618.55 for the construction of 321 miles of line to serve 265 members. Engineer (22).

North Dakota 37E3 McLean: McLean Electric Cooperative, Inc., Garrison, N. D., to O'Leary and Stotko, Hancock, Minn., \$283,767.40 for the construction of 328 miles of line to serve 302 members. Engineer (22).

Ohio 39P Paulding, Section I: Paulding-Putnam Electric Cooperative, Inc., Paulding, Ohio, to Davis-Hydaker Co., Spencerville, Ohio, \$68,457.00 for the construction of 45.8 miles of line plus the conversion of 33.6 miles of line. Engineer (24).

Oklahoma 34E Texas, Section I&II: Tri-County Electric Cooperative, Inc., Hooker, Okla., two contracts, both to Kennett & Pavlicek, Box 1305, San Angelo, Texas, Section I: \$299,298.71 for the construction of 305 miles of line to serve 262 members. Section II: \$264,669.90 for the construction of 305 miles of line to serve 322 members. Engineer for both (25).

Oregon 25K Deschutes, Section II: Central Electric Cooperative, Inc., Redmond, Oreg., to W. R. Grasle Co., 437 N. W. 16th Ave., Portland, Oreg., \$221,056.55 for the construction of 113.35 miles of line to serve 134 members. Engineer (4).

South Carolina 31P Horry: Horry Electric Cooperative, Inc., Conway, S. C., to Chambless and White Construction Co., Box 123, Alamo, Ga., \$80,806.50 for the construction of 80.5 miles of line to serve 328 members. Engineer (26).

South Carolina 35M&N Abbeville: Little River Electric Cooperative, Inc., Abbeville, S. C., to Alrich Electric Construction Co., 630 11th St., Augusta, Ga., \$93,094.63 for the construction of 71 miles of line to serve 165 members plus the conversion of 20.2 miles of line. Engineer (26).

South Dakota 20E Day: Lake Region Electric Association, Inc., Webster, S. D., to Line Constructors Co., 544 Benson Bldg., Sioux City, Ia., \$447,961.05 for the construction of 496.1 miles of line to serve 635 members. Engineer (27)

South Dakota 21F2 Brown: Northern Electric Cooperative, Inc., Aberdeen, S. D., to K. L. Reither, Onamia, Minn., \$186,413.83 for the construction of 230 miles of line to serve 161 members. Engineer (28).

South Dakota 29C Hand: Ree Electric Cooperative Association, Inc., Miller, S.D. to Western Contracting Corp. and Philard, Inc., Sioux Falls, S. D., \$376,570.03 for the construction of 446.5 miles of line to serve 365 members. Engineer (27).

South Dakota 36C Edmunds, Section II&III: FEM Electric Association, Inc., Ipswich, S. D., Section II: to Ferguson-Diehl Construction Co., 704 W. Lincoln, Jefferson, Ia., \$341,380.86 for the construction of 412.2 miles of line to serve 340 members. Section III: to Franzen Brothers, 4263 Queen Ave. N., Minneapolis, Minn., \$184,817.18 for the construction of 207.8 miles of line to serve 159 members. Engineer for both (27).

Tennessee 17H Bolivar Public: City of Bolivar Electric Department, Bolivar, Tenn., to B. B. Winsett and Co., Inc., 667 Shrine Bldg., Memphis, Tenn., \$105,854.89 for the construction of 71.5 miles of line to serve 270 members plus the conversion of 28.8 miles of line. Engineer (29).

Tennessee 48K Lauderdale: Forked Deer Electric Cooperative, Inc., Halls, Tenn., to Whalley Construction Co., Jackson, Tenn., \$202,009.02 for the construction of 37.09 miles of line to serve 124 members plus the conversion and removals on 199.4 miles of line. Engineer (30).

Tennessee 49D Fayette, Section II: Chickasaw Electric Cooperative, Somerville, Tenn., to B. B. Winsett and Co., Inc., 667 Shrine Bldg., Memphis, Tenn., \$59,743.75 for the construction of 35.67 miles of line to serve 100 members plus the conversion and removals on 42.3 miles of line. Engineer (29).

Texas 23S McCulloch County Electric Cooperative, Inc., Brady, Texas, to W. J. Thomas and Co., P. O. Box 7006, Dallas 9, Texas, \$125,418.73 for the construction of 143 miles of line to serve 120 members. Engineer (31).

Texas 47S Deaf Smith: Deaf Smith County Electric Cooperative, Hereford, Texas, to Basanda Construction Co., P. O. Box 7008, Oklahoma City 12, Okla., \$127,354.24 for the construction of 127.22 miles of line to serve 91 members plus the conversion of 11.82 miles of line. Engineer (19).

Texas 64T&V San Augustine: Deep East Texas Electric Cooperative, Inc., San Augustine, Texas, two contracts, T contract: to Guthrie Electrical Construction, Inc., P. O. Box 599, Shreveport, La., \$21,406.66 for the construction (labor only) of 15.7 miles of 69 kv transmission line. V contract: to R. D. Cooper Construction Co., P. O. Box 1763, Baton Rouge, La., \$226,369.32 for the construction of 191.91 miles of line to serve 433 members plus the conversion of 21 miles of line. Engineer for both (32).

Texas 69V Erath, Section II: Erath County Electric Cooperative Association, Stephenville, Texas, to Irby Construction Co., 817 So. State St., Jackson, Miss., \$298,189.96 for the construction of 197.6 miles of line to serve 314 members plus the conversion of 59 miles of line. Engineer (32).

Texas 124E Schleicher: Southwest Texas Electric Cooperative, Inc., Eldorado, Texas, to Neely Brothers Construction Co., Hollandale, Miss., \$161,845.59 for the construction of 189 miles of line to serve 75 members. Engineer (33).

Caroline

Virginia 22AB/Virginia Electric Cooperative, Bowling Green, Va., to Love Construction Co., Inc., Chase City, Va., \$141,426.41 for the construction of 114.8 miles of line to serve 335 members.

Virginia 27V Nottoway: Southside Electric Cooperative, Crewe, Va., to F. S. Hayden, Inc., Crewe, Va., \$14,531.69 for the construction of 5.62 miles of line plus the conversion and removals on 51.8 miles of line.

Wyoming 24B&C Sheridan: Sheridan-Johnson Rural Electric Association, Sheridan, Wyo., to Douglas Contractors, Ltd., 234 Keeline Bldg., Omaha 2, Nebr., \$493,161.97 for the construction of 370.32 miles of line to serve 444 members. Engineer (34).

NAMES AND ADDRESSES OF SYSTEM ENGINEERS (Expl. Item 1, page 1.)

1. Walter Walkling, 1640 Kearney St., Denver, Colo.
2. Miner and Miner, 1825 10th Ave., Greeley, Colo.
3. William H. Burgwin, 2657 South Broadway, Denver 10, Colo.
4. Robert Welty, Box 282, The Dalles, Oregon
5. Philip L. Burns, 630 Davenport Bank Bldg., Davenport, Iowa
6. Frank Horton and Company, Lamar, Missouri
7. Chanaberry Engineering Co., Inc., Louisville, Kentucky (Realty Bldg.)
8. Patterson and Dewar, 206 Rutland Bldg., Decatur, Ga.
9. Cottrell and House, 902 Stahlman Bldg., Nashville, Tenn.
10. J & G Daverman Co., 301 Keeler Bldg., Grand Rapids, Michigan
11. Christopherson Engineering Co., Fergus Falls, Minn.
12. Bowman and Bowman, P. O. Box 518, Greenwood, Miss.
13. Pepper and Mathews, Box 712, Yazoo City, Miss.
14. Drazen and Associates, 8135 Forsythe Blvd., St. Louis 24, Mo.
15. Birenbaum and Smith, 710 Delmar Blvd., St. Louis 5, Mo.
16. J. A. Fussell, P. O. Box 699, Shelby, Mont.
17. Associated Engineers, 206 12th St., Bismarck, North Dakota
18. Raymond H. Reed and Co., 2305 $\frac{1}{2}$ 13th St., Columbus, Nebr.
19. H. N. Roberts and Associates, Lubbock, Texas
20. Southwest Engineers, 510 Transit Tower, San Antonio, Texas
21. B. O. Vannort Engineers, Inc., 2700 E. Main St., Columbus, Ohio
22. Ulteig Engineering Corp., 1114 $\frac{1}{2}$ Front St., Fargo, North Dakota
23. Scott Engineering Co., Jamestown, North Dakota
24. Castle Engineering Co., 410 Keith Bldg., Dayton, Ohio
25. Carl C. Cox, 315 Barfield Bldg., Amarillo, Texas
26. Southern Engineering Co., 1000 Crescent Ave., N. E., Atlanta, Ga.
27. Banister Engineering Co., 1549 University Ave., St. Paul 4, Minn.
28. Buell and Winter, 508 Insurance Exchange Bldg., Sioux City, Iowa
29. Allen and Hoshall, 65 McCall Place, Memphis, Tenn.
30. McWhorter and Franklin, 2535 Franklin Road, Nashville, Tenn.
31. American Engineering Co., 408 E. Myrtle St., San Antonio 2, Texas
32. Freese and Nichols, 407 Danciger Bldg., Fort Worth, Texas
33. Lodal and Associates, 1411 Transit Tower, San Antonio, Texas
34. H. S. Nixon Engineering Co., 306 W.O.W. Bldg., Omaha, Nebr.

